

WHAT IS CLAIMED IS:

1. In a printing system, with a printing machine for producing a set of prints from a print job, including a set of image data, in accordance with a job ticket, the job ticket including a set of job execution attributes, each job execution attribute being associated with a programmable set of information for defining the corresponding job execution attribute, a first one of the programmable sets of information instructing the printing system as to a manner in which job information is generated when at least a portion of the set of image data is processed in accordance with the job ticket, a transmission job originating station for controlling transmission of the job information to the one or more output confirmation destinations, comprising:

a document generating subsystem for providing at least a portion of the print job to be delivered to the print machine;

a user interface, communicating with said document generating subsystem, for programming a second one of the programmable sets of information, the second set of information including one or more confirmation destinations with each confirmation destination being disposed remotely of the transmission job originating station; and

a control subsystem which, in response to processing at least a portion of the image data at the printing machine, reads the second set of job information and determines each confirmation destination, programmed with said user interface, to which the job information is to be transmitted.

2. The transmission job originating station of claim 1, further comprising:

an information receiving subsystem corresponding to a confirmation destination and remotely located from the transmission job originating station;

the transmission job originating station including a printing machine transmission subsystem;

said printing machine transmission subsystem transmitting the job information to said information receiving subsystem.

3. The transmission job originating station of claim 2, wherein said information receiving subsystem includes a subsystem for producing a representation of at least a portion of a copy of the job information.

4. The transmission job originating station of claim 2, wherein said printing machine transmission subsystem and the information receiving subsystem include first and second telecommunication subsystems, respectively, each first and second telecommunication subsystem communicating with one another by way of a telecommunications link, wherein the job information is transmitted from the first telecommunication subsystem to the second telecommunication subsystem.

5. The transmission job originating station of claim 4, wherein the job information is transmitted in the form of a telephonic message.

6. The transmission job originating station of claim 2, in which the transmission job originating station further includes a facsimile subsystem with a modem and said information receiving subsystem includes a facsimile subsystem with a modem, wherein the job information page is transmitted from the facsimile subsystem of the transmission job originating station to the facsimile subsystem of said information receiving subsystem.

7. A facsimile machine, comprising:
an image data source;
a transmitting subsystem to transmit image data to a first remote receiving station;
a receiving subsystem to receive job status information from the first remote receiving station; and
a control subsystem to cause said transmitting subsystem to transmit the job status information to a second remote receiving station.

8. The facsimile machine as claimed in claim 7, wherein the second remote receiving station is a facsimile machine.

9. The facsimile machine as claimed in claim 7, wherein the second remote receiving station is a workstation.

10. The facsimile machine as claimed in claim 7, wherein the second remote receiving station is a telephonic device.

11. The facsimile machine as claimed in claim 10, wherein said control subsystem causes a query to be sent to the second remote receiving station and causes the facsimile machine to perform a predetermined set of functions in response to information, corresponding to the query, received from the second remote receiving station.

12. The facsimile machine as claimed in claim 7, wherein said control subsystem causes the facsimile machine to transmit the image data to a third remote receiving station.

13. The facsimile machine as claimed in claim 7, wherein said control subsystem causes the facsimile machine to retransmit the image data to the first remote receiving station.

14. A method for printing a job at a printing machine located remotely from a transmission job originating station, the transmission job originating station including a control subsystem and a document generating subsystem having a user interface for inputting job control instructions for a print job described by a job ticket, the document generating subsystem providing the print job to be delivered to the printing machine for producing a set of prints from the print job, including a set of image data, in accordance with the job ticket, the job ticket including a set of job execution attributes, each job execution attribute being associated with a programmable set of information for defining the corresponding job execution attribute, a first one of the programmable sets of information instructing the printing system as to a manner in which the transmission job originating station is to generate job information when at least a portion of the set of image data is processed in accordance with the job ticket, and a second one of the programmable sets of information listing one or more confirmation destinations with each confirmation destination being disposed remotely of the transmission job originating station, comprising the steps of:

with the user interface, programming the second set of information with the one or more confirmation destinations;

processing at least a portion of the image data at the printing machine; and

in response to said processing, reading the second set of job information, with the transmission job originating station, for determining each confirmation destination, programmed with said programming, to which the job information is to be transmitted.

15. The method of claim 14, in which, the printing machine is disposed remotely of the transmission job originating station, the transmission job originating station communicates with a printing machine transmission subsystem and the printing machine transmission subsystem communicates with one of the one or more confirmation destinations by way of a network connection, and the one of the one or more confirmation destinations includes an information receiving subsystem which is disposed remotely of the transmission job originating station, further comprising the step of:

transmitting, with the printing machine transmission subsystem, the job information to the information receiving subsystem.

16. The method of claim 15, in which the information receiving subsystem includes an output subsystem and the job information comprises a copy of a job information page, further comprising the step of:

producing a representation of at least a portion of the copy of the job information page at the output subsystem of the information receiving subsystem.

17. The method of claim 15, in which the printing machine transmission subsystem and the information receiving subsystem include first and second telecommunication subsystems respectively with each of first and second telecommunication subsystems communicating with one another by way of a telecommunications link, further comprising the step of:

transmitting the job information from the first telecommunication subsystem to the second telecommunications subsystem.

18. The method of claim 17, the job information is transmitted as a telephonic message.

19. The method of claim 15, in which the transmission job originating station includes a facsimile subsystem with a modem and the information receiving subsystem includes a facsimile subsystem with a modem, wherein said information transmitting includes transmitting a job information page from the facsimile subsystem of the transmission job originating station to the facsimile subsystem of the information receiving subsystem.

20. A method for transmitting a facsimile document, comprising the steps of :

- (a) providing a source of image data;
- (b) transmitting image data to a first remote receiving station;
- (c) receiving job status information from the first remote receiving station; and
- (d) transmitting the job status information to a second remote receiving station.

21. The method as claimed in claim 20, further comprising the steps of:

- (e) sending a query to the second remote receiving station; and
- (f) performing a predetermined set of functions in response to information, corresponding to the query, received from the second remote receiving station.

22. The method as claimed in claim 21, wherein said step (f) transmits the image data to a third remote receiving station.

23. The method as claimed in claim 21, wherein said step (f) retransmits the image data to the first remote receiving station.

24. A method for printing a job in a printing system with a printing machine for producing a set of prints from a print job including a document with the document being delivered from a transmission job originating station to the printing machine for execution of the document, the transmission job originating station further including a troubleshooting subsystem for assisting a user to facilitate further processing of the print job in the event that one or more difficulties arise during processing of the document, comprising the steps of:

(a) processing, with the printing system, at least a portion of the document;

(b) in response to both an event occurring during said processing and reading, with the transmission job originating station, information preprogrammed by the user at the transmission job originating station, creating a link between the troubleshooting subsystem and the user with the user being disposed at a location remote to the transmission job originating station; and

(c) the troubleshooting subsystem performing a selected operation on the print job in response to an input from the user at the location remote to the transmission job originating station.

25. The method of claim 24, wherein said step (c) comprises the troubleshooting subsystem storing the print job in a memory section for future execution of the print job.

26. The method of claim 24, wherein said step (c) includes delivering the document to the printing machine a selected time interval after execution of said steps (a) - (c).

27. The method of claim 26, further comprising editing the document during the selected time interval

28. The method of claim 27, wherein said editing includes editing the print job at a location remote of both the transmission job originating station and the printing machine.

29. The method of claim 24, wherein said step (c) includes communicating with the user, with the troubleshooting subsystem, after a time interval, designated by the user or the printing system, has elapsed.

30. The method of claim 24, wherein said step (c) includes transmitting the print job to a second printing machine for processing thereof.

31. The method of claim 24, wherein said step (c) includes terminating all current processing of the document.

00445313 021498